EXECUTIVE SUMMARY - ENFORCEMENT MATTER

Page 1 of 2

DOCKET NO.: 2008-0775-AIR-E **TCEQ ID:** RN100825413

CASE NO.: 35850

RESPONDENT NAME: PD Glycol LP

ORDER TYPE:		
X 1660 AGREED ORDER	FINDINGS AGREED ORDER	FINDINGS ORDER FOLLOWING SOAH HEARING
FINDINGS DEFAULT ORDER	_SHUTDOWN ORDER	IMMINENT AND SUBSTANTIAL ENDANGERMENT ORDER
AMENDED ORDER	EMERGENCY ORDER	- CALLER -
CASE TYPE:		
XAIR	MULTI-MEDIA (check all that apply)	INDUSTRIAL AND HAZARDOUS WASTE
PUBLIC WATER SUPPLY	PETROLEUM STORAGE TANKS	OCCUPATIONAL CERTIFICATION
WATER QUALITY	SEWAGE SLUDGE	UNDERGROUND INJECTION CONTROL
MUNICIPAL SOLID WASTE	RADIOACTIVE WASTE	DRY CLEANER REGISTRATION
	ganic chemical manufacturing plant $rac{X}{N}$ No here are no complaints. There is one additional per	nding enforcement action regarding this facility
INTERESTED PARTIES: No one other	than the ED and the Respondent has expressed an i	nterest in this matter.
COMMENTS RECEIVED: The Texas I	Register comment period expired on September 29, 2	2008. No comments were received
CONTACTS AND MAILING LIST: TCEQ Attorney/SEP Coordina TCEQ Enforcement Coordina Bryan Sinclair, Enforcement Div Respondent: Mr. Wade Richard Mr. Randal Tatum, Plant Manag	ator: Ms. Melissa Keller, SEP Coordinator, Enforce	ement Division, MC 219, (512) 239-1768 cement Team 4, MC 149, (512) 239-6634; Mr.

RESPONDENT NAME: PD Glycol LP DOCKET NO.: 2008-0775-AIR-E

VIOLATION SUMMARY CHART	?: 	
VIOLATION INFORMATION	PENALTY CONSIDERATIONS	CORRECTIVE ACTIONS TAKEN/REQUIRED
Type of Investigation: Complaint X Routine Enforcement Follow-up Records Review Date(s) of Complaints Relating to this Case: None Date of Investigation Relating to this Case: February 29, 2008 Date of NOV/NOE Relating to this Case: April 10, 2008 (NOE) Background Facts: This was a routine investigation. AIR Failure to maintain an emissions rate below the allowable emissions limits. Specifically, equipment malfunction resulted in the release of 281.00 pounds ("lbs") of ethylene, 2.70 lbs of cyclopropane, and 0.05 lbs of ethylene oxide from the Glycol 1 Emergency Vent over a 26-minute period on December 21, 2007. Since the emissions event was avoidable, the demonstrations for an affirmative defense in 30 Tex. ADMIN. CODE § 101.222 were not met [30 Tex. ADMIN. CODE §§ 116.115(c) and 122.143(4), New Source Review Permit 3361A Special Condition 3, General Operating Permit No. O-01620 Special	Total Assessed: \$5,500 Total Deferred: \$1,100	
Operating Permit No. O-01620 Special Condition 7A, and Tex. Health & Safety Code § 382.085(b)].		Additional ID No(s).: JE

Attachment A Docket Number: 2008-0775-AIR-E

SUPPLEMENTAL ENVIRONMENTAL PROJECT

Respondent:

PD Glycol LP

Payable Penalty Amount:

Four Thousand Four Hundred Dollars (\$4,400)

SEP Amount:

Two Thousand Two Hundred Dollars (\$2,200)

Type of SEP:

Pre-approved

Third-Party Recipient:

Jefferson County-Southeast Texas Regional Air Monitoring

Network

Location of SEP:

Jefferson County

The Texas Commission on Environmental Quality ("TCEQ") agrees to offset a portion of the administrative Penalty Amount assessed in this Agreed Order for the Respondent to contribute to a Supplemental Environmental Project ("SEP"). The offset is equal to the SEP Amount set forth above and is conditioned upon completion of the project in accordance with the terms of this Attachment A.

1. Project Description

A. Project

The Respondent shall contribute the SEP Amount to the Third-Party Recipient pursuant to the agreement between the Third-Party Recipient and the TCEQ. Specifically, the contribution will be used to install, operate, and maintain a stationary ambient air monitoring station in the vicinity of Memorial High School Ninth Grade Campus. The station will employ canister sampling, a hydrocarbon analyzer, and/or a chromatograph. Ancillary equipment will include a sample conditioning system, a ten meter meteorological tower, a climate controlled equipment shelter, a remote communications system, and have electronic data logging capabilities. The station will continuously sample and analyze the ambient air for a wide range of hydrocarbon species in accordance with Environmental Protection Agency's recommended "TO-14" list. SEP monies will be used for the cost of purchasing, installing, operating, and maintaining the air monitoring station along with its ancillary equipment.

The Respondent certifies that there is no prior commitment to do this project and that it is being performed solely in an effort to settle this enforcement action.

B. Environmental Benefit

This SEP will provide a discernible environmental benefit by offering continuous assessment of ambient air quality in a sensitive area of Port Arthur that is not currently covered by existing ambient air monitoring stations. Monitoring this area of the community will help the TCEQ and local government better respond to

PD Glycol LP Agreed Order - Attachment A

citizen's questions about public health as it related to air quality and will enable TCEQ to identify emission sources.

C. <u>Minimum Expenditure</u>

The Respondent shall contribute at least the SEP Amount to the Third-Party Recipient and comply with all other provisions of this SEP.

2. Performance Schedule

Within 30 days after the effective date of this Agreed Order, the Respondent must contribute the SEP Amount to the Third-Party Recipient. The Respondent shall mail the contribution, with a copy of the Agreed Order, to:

The Honorable Ron Walker Jefferson County Judge 1149 Pearl Street, 4th Floor Beaumont, Texas 77701

3. Records and Reporting

Concurrent with the payment of the SEP Amount, the Respondent shall provide the TCEQ SEP Coordinator with a copy of the check and transmittal letter indicating full payment of the SEP Amount to the Third-Party Recipient. The Respondent shall mail a copy of the check and transmittal letter to:

Enforcement Division Attention: SEP Coordinator, MC 219 Texas Commission on Environmental Quality P.O. Box 13087 Austin, Texas 78711-3087

4. Failure to Fully Perform

If the Respondent does not perform its obligations under this SEP in any way, including full payment of the SEP Amount and submittal of the required reporting described in Section 3 above, the Executive Director may require immediate payment of all or part of the SEP Amount.

The check for any amount due shall be made out to "Texas Commission on Environmental Quality" and mailed to:

Texas Commission on Environmental Quality Financial Administration Division, Revenues Attention: Cashier, MC 214 P.O. Box 13088 Austin, Texas 78711-3088

PD Glycol LP Agreed Order – Attachment A

The Respondent shall also mail a copy of the check to the TCEQ SEP Coordinator at the address in Section 3 above.

5. Publicity

Any public statements concerning this SEP made by or on behalf of the Respondent must include a clear statement that the project was performed as part of the settlement of an enforcement action brought by the TCEQ. Such statements include advertising, public relations, and press releases.

6. Clean Texas Program

The Respondent shall not include this SEP in any application made to TCEQ under the "Clean Texas" (or any successor) program(s). Similarly, the Respondent may not seek recognition for this contribution in any other state or federal regulatory program.

7. Other SEPs by TCEQ or Other Agencies

The SEP identified in this Agreed Order has not been, and shall not be, included as an SEP for the Respondent under any other Agreed Order negotiated with the TCEQ or any other agency of the state or federal government.

	Policy Revision 2 (Sep	Penalty Calculation Worksh	neet (P	•	April 29, 2008
TCEQ				1 CV Nevision	7-prii 20, 2000
DATES	S Assigned	14-Apr-2008			
9 F	PCW	7-May-2008 Screening 7-May-2008 EPA Due 3	3-Nov-2008		
RESPO	ONDENT/FACILITY			Jan Ster Pro Problems	,
	Reg. Ent. Ref. No.	PD Glycol LP			4
	acility/Site Region		inor Source	Major	4
L.,	acinty/one region	TO BOACHTOILE IMAJOT/MI	mor Source	[waju	
CASE	INFORMATION			· · · · · · · · · · · · · · · · · · ·	
	Enf./Case ID No.	35850 No. o	f Violations	1	7
			Order Type		1 :
	Media Program(s)			James Nolan	1
	Multi-Media		EC's Team	Enforcement Team 4	
	Admin. Penalty \$	imit Minimum \$0 Maximum \$10,000	•		- :
	2 - 2 - 1 1/1 1 mm and an order of the state			The second secon	property of the control of the contr
		Penalty Calculation Section	on		
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TOTA	L BASE PENAL	TY (Sum of violation base penalties)		Subtotal 1	\$2,500
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		ed by multiplying the Total Base Penalty (Subtotal 1) by the indicated percer			60.050
	Compliance Hist	ry 130.0% Enhancement	Subto	otals 2, 3, & 7	\$3,250
	Notes	Penalty enhancement due to six previous 1660-style agreed	d orders and		:
	140162	five previous nonsimilar NOVs.			
	Culpability	No 0.0% Enhancement		Subtotal 4	\$0
	7 - 1 An 2000 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		************	1.075 4 2464 Ast	
	Notes	The Respondent does not meet the culpability crite	ria.		
	Good Faith Effor	to Comply 10.0% Reduction	Acres Services	Subtotal 5	\$250
		Before NOV NOV to EDPRP/Settlement Offer	SERVICE SERVICES	Gabiotai U	Ψ230
	Extraordinary				
	Ordinary	X			÷
	N/A	(mark with x)			vei made
					# / ·
	Notes	The Respondent returned to compliance by May 9, 2	2008.		
					William Company
		0.0% Enhancement*	MAGNET - E	Subtotal 6	\$0
	Pro di solitaria de activi	Total EB Amounts \$69 *Capped at the Total EB \$ Ar	mount	7 T	<u>_</u>
	Approx.	ost of Compliance \$3,000			
20102.3	and the contract of the contra	- Manager Angle		. Do no real condens cate, M	
SUM (OF SUBTOTAL	17	F. (1)	inal Subtotal	\$5,500
		C TO COMPANY AND A COMPANY			
		JUSTICE MAY REQUIRE 0.0%		Adjustment	\$0
Reduces	or enhances the Final S	btotal by the indicated percentage.			
					- 10
	Notes				
			Final Pen	nalty Amount	\$5,500
	and the second of the second of	Carrier and Aries			
STATI	UTORY LIMIT A	DJUSTMENT	Final Asses	ssed Penalty	\$5,500
		Control of the second		a vers are	
DEFE	RRAL	20.0%	Reduction	Adjustment	-\$1,100
		Ity by the indicted percentage. (Enter number only; e.g. 20 for 20% reduction		-	
	Notes	Deferral offered for expedited settlement.	1		
		,			
PAYA	BLE PENALTY			. 3	\$4,400

Screening Date 7-May-2008

Docket No. 2008-0775-AIR-E

PCW

Policy Revision 2 (September 2002)
PCW Revision April 29, 2008

Adjust.

Enter Number Here

Respondent PD Glycol LP

(number of NOVs meeting criteria)

Case ID No. 35850 Reg. Ent. Reference No. RN100825413

Media [Statute] Air

>> Compliance History Site Enhancement (Subtotal 2)

Component Number of...

NOVs

Enf. Coordinator James Nolan

Compliance History Worksheet

Written NOVs with same or similar violations as those in the current enforcement action

	Other written NOVs	5	10%	
	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	6	120%	
Orders	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%	
Judgments	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgements or consent decrees meeting criteria)	0	0%	
and Consent Decrees	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%	
Convictions	Any criminal convictions of this state or the federal government (number of counts)	0	0%	
Emissions	Chronic excessive emissions events (number of events)	0	0%	
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)	0	0%	
Addition	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	0	0%	
	Pleas	se Enter Yes or No)	
	Environmental management systems in place for one year or more	No	0%	
Other	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%	
0	Participation in a voluntary pollution reduction program	No	0%	
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%	
	Adjustment Po			130
Repeat Violator (Su	ibtotal 3)	(1943년 전 1945년 -	AAN SALASSA	
No	Adjustment Po	ercentage (S	ubtotal 3)	09
Compliance History	y Person Classification (Subtotal 7)	i stadili itas	Apallon, ti	
Average P	Performer Adjustment Pe	ercentage (S	ubtotal 7)	09
Compliance History	y Summary		State of the	
Compliance	Penalty enhancement due to six previous 1660-style agreed orders and five previous nons	imilar NOVs.		
History Notes				

Screening Date	•	DOCK	et No. 2008-0775-AIR-E	PCW
Respondent	- · · · · · · · · · · · · · · · · · · ·			Policy Revision 2 (September 2002)
Case ID No.				PCW Revision April 29, 2008
Reg. Ent. Reference No.	RN100825413			
Media [Statute]				
Enf. Coordinator	James Nolan			
Violation Number	1			
Rule Cite(s)	Special Condition 3, Ge	§ 116.115(c) and 122.1 neral Operating Permit Tex. Health & Safety C	43(4), New Source Review Permit t No. O-01620, Special Condition 7, Code § 382.085(b)	3361A A, and
Violation Description	equipment malfuction re lbs of cyclopropane, an over a 26-minute pe	esulted in the release of ad 0.05 lbs of ethylene priod on December 21,	e allowable emissions limits. Specif of 281.00 pounds ("lbs") of ethylene oxide from the Glycol 1 Emergency 2007. Since the emissions event w lative defense in 30 Tex. Admin Co e not met.	, 2.70 Vent as
	Million Control of the Control of th	China was shake Committee and Control of the Contro	Base Pe	enalty \$10,000
>> Environmental, Property a		/latrix		
Release	Harm Major Medarat	o Minor		
OR Actual		7		
Potential		X	Percent 25%	
			25%	
>>Programmatic Matrix				
Falsification	Major Moderate	e Minor		
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Matrix Notes Human healt not exceed l	h or the environment has evels that are protective	s been exposed to insig of human health or enviolation.	gnificant amounts of pollutants whic vironmental receptors as a result of	h do f the
		THE PARTY NAMED IN COLUMN TWO IS NOT THE PARTY N	Adjustment \$	7,500
				\$2,500
Violation Events				Ψ2,300
	The state of the s		·	*****
Number of Vio	lation Events 1		1 Number of violation days	
		 1		
	daily	4		
	monthly	4	V2.14	14 0 500
mark only one with an x	quarterly x semiannual		Violation Base Pe	nalty \$2,500
	annual			
	single event	=		THE COLUMN TO TH
	One qu	arterly event is recom	mended.	
Economic Benefit (EB) for this	s violation		Statutory Limit Test	
Estimated	EB Amount	\$69	Violation Final Penalty	Total \$5,500
			Floration (mail enalty	Ψ0,000
	and the state of t	This violation Final A	Assessed Penalty (adjusted for li	mits) \$5,500

Economic Benefit Worksheet Respondent PD Glycol LP Case ID No. 35850 Reg. Ent. Reference No. RN100825413 Years of Media Air Percent Interest Depreciation Violation No. 1 5.0 EB Amount · Jaka zoren Interest Saved Onetime Costs Final Date Item Cost Date Required Item Description No commas or \$ **Delayed Costs** \$0 0.00 Equipment \$0 \$0 \$0 \$0 0.00 Buildings \$0 \$0 0.00 Other (as needed) \$40 \$1,500 9-May-2008 0.38 \$2 \$38 Engineering/construction \$0 0.00 \$0 n/a 0.00 \$0 n/a \$0 Record Keeping System 0.38 n/a \$29 \$1,500 21-Dec-2007 9-May-2008 Training/Sampling \$0 n/a \$0 0.00 Remediation/Disposal \$0 n/a 0.00 Permit Costs 0.00 Other (as needed) Estimated cost to repair purge scrubber level control valve and establish policies and procedures to prevent further incidents. Date required is the date of the emissions event. Final date is date compliance documentation Notes for DELAYED costs was submitted. ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs) **Avoided Costs** \$0 \$0 0.00 \$0 Disposal \$0 \$0 0.00 Personnel 0.00 \$0 \$0 \$0 Inspection/Reporting/Sampling 0.00 \$0 \$0 \$0 Supplies/equipment \$0 \$0 0.00 \$0 \$0 Financial Assurance [2] 0.00 ONE-TIME avoided costs [3] Other (as needed) Notes for AVOIDED costs

\$3,000

Approx. Cost of Compliance

\$69

TOTAL

Compliance History

Customer/Respondent/Owner-Operator: CN600505648 PD Glycol LP Classification: AVERAGE Rating: 3.76 Regulated Entity: RN100825413 PD GLYCOL BEAUMONT PLANT Classification: AVERAGE Site Rating: 3.76 ID Number(s): AIR OPERATING PERMITS ACCOUNT NUMBER JF0049K AIR OPERATING PERMITS **PERMIT** 1620 AIR OPERATING PERMITS **PERMIT** 2190 **WASTEWATER** PERMIT WO0000490000 WASTEWATER **PERMIT** TPDES0008931 **WASTEWATER** PERMIT TX0008931 INDUSTRIAL AND HAZARDOUS WASTE **SOLID WASTE REGISTRATION #** 37988 **GENERATION** (SWR) INDUSTRIAL AND HAZARDOUS WASTE SOLID WASTE REGISTRATION # 30583 **GENERATION** (SWR) INDUSTRIAL AND HAZARDOUS WASTE EPA ID TXD020805446 **GENERATION** INDUSTRIAL AND HAZARDOUS WASTE EPA ID TXT982813479 **GENERATION** AIR NEW SOURCE PERMITS REGISTRATION 54604 AIR NEW SOURCE PERMITS REGISTRATION 55286 AIR NEW SOURCE PERMITS ACCOUNT NUMBER JE0049K AIR NEW SOURCE PERMITS AFS NUM 4824500005 AIR NEW SOURCE PERMITS PERMIT 16357 AIR NEW SOURCE PERMITS PERMIT 3361A AIR NEW SOURCE PERMITS **PERMIT** 8639A AIR NEW SOURCE PERMITS PERMIT 10261 AIR NEW SOURCE PERMITS PERMIT 11673 AIR NEW SOURCE PERMITS PERMIT 11820 AIR NEW SOURCE PERMITS PERMIT 12799 AIR NEW SOURCE PERMITS PERMIT 54514 AIR NEW SOURCE PERMITS REGISTRATION 78746 AIR NEW SOURCE PERMITS PERMIT 83775 STORMWATER PERMIT TXR05O019 IHW CORRECTIVE ACTION SOLID WASTE REGISTRATION # 30583 (SWR) Location: 3510 GULF STATES RD, BEAUMONT, TX, 77701 Rating Date: September 01, 07 Repeat Violator: NO TCEQ Region: **REGION 10 - BEAUMONT** Date Compliance History Prepared: May 07, 2008 Agency Decision Requiring Compliance History: Enforcement Compliance Period: May 07, 2003 to May 07, 2008 TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History James Nolan Name: Phone: (512) 239-6634 **Site Compliance History Components** 1. Has the site been in existence and/or operation for the full five year compliance period? Yes 2. Has there been a (known) change in ownership of the site during the compliance period? No 3. If Yes, who is the current owner? N/A 4. if Yes, who was/were the prior owner(s)? N/A 5. When did the change(s) in ownership occur? N/A Components (Multimedia) for the Site: Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.

Citation: 5C THC Chapter 382, SubChapter A 382.085(a)
Description: Failed to prevent unauthorized emissions on August 6 and August 22, 2003.

ADMINORDER 2004-0204-AIR-E

Effective Date: 08/28/2004

Classification: Moderate

Classification: Minor

Citation:

30 TAC Chapter 101, SubChapter F 101.201(b)(8)

Description: Failed to include the preconstruction authorization rule citation in the final record submitted to the

TCEQ for the emission event that occurred on August 22, 2003.

Effective Date: 02/20/2006

ADMINORDER 2005-0633-AIR-E

Classification: Moderate

Citation:

30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter A 382.085(b)

Ramt Prov: Permit No. 3361A MAERT PERMIT

Description: Failure to prevent emissions from sources not authorized by the permit, the Ethylene Glycol Unit No. I and II Emergency Vents, on July 12 and August 10, 2004, and from September 15 through October 3,

Classification: Moderate

Citation:

30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Air Permit No. 3361A MAERT PERMIT

Description: Failure to prevent emissions from sources not authorized by the permit, the Ethylene Glycol Unit

No. I Emergency Vent, on March 25, 2005.

Effective Date: 04/26/2007

ADMINORDER 2006-1133-AIR-E

Classification: Moderate

Citation:

30 TAC Chapter 116, SubChapter B 116.115(c)

5C THC Chapter 382, SubChapter D 382.085(b)

Rgmt Prov: 3361A SC3 PERMIT

Description: Failure to maintain emissions below the allowable emission limit.

Classification: Moderate

Citation:

30 TAC Chapter 116, SubChapter B 116.115(c)

5C THC Chapter 382, SubChapter D 382.085(b)

Rgmt Prov: 8639A SC 3A PERMIT

Description: Failure to maintain emissions below the allowable emission limit.

Classification: Moderate

Citation:

30 TAC Chapter 116, SubChapter B 116.115(c)

5C THC Chapter 382, SubChapter D 382.085(b)

Rgmt Prov: 3361A PERMIT

Description: Failure to maintain emissions below the allowable emission limit. The July 20, 2006, emissions event released 11.0 pounds of ethylene glycol and 3,214 pounds of ethylene oxide from the Glycol 1

Emergency Vent.

Effective Date: 06/29/2007

ADMINORDER 2006-2102-AIR-E

Classification: Moderate

Citation:

30 TAC Chapter 116, SubChapter B 116.115(c)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: 8639A PERMIT

FOP O-02190 OP

Description: Failed to prevent unauthorized emissions. On July 27, 2006, a reportable emissions event at the Ethylene Glycol Unit II resulted in the unauthorized release of 1,213 pounds of ethylene during a two minute period. Since the emissions event was avoidable, PD Glycol failed to meet the demonstrations for an affirmative d

Effective Date: 11/19/2007

ADMINORDER 2007-0208-AIR-E

Classification: Moderate

30 TAC Chapter 122. SubChapter B 122.143(4)

8639A, Special Condition 3B PERMIT

FOP O-02190, General Terms and Condition OP

FOP O-02190, Special Condition 9 OP

Description: Failed to prevent the unauthorized release of air contaminants into the atmosphere.

Classification: Minor

Citation:

30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B) 30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: O-02190, General Terms and Conditions OP

Description: Failed to report an emission event as soon as practical, but no later than 24 hours after the

discovery of the emission event.

Effective Date: 01/28/2008

ADMINORDER 2007-0838-AIR-E

and the spirit

Classification: Moderate

Citation:

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: 8639A, Special Condition 3B PERMIT

FOP O-2190, General Terms and Conditions OP

FOP O-2190, Special Condition 9 OP

Description: Failed to prevent unauthorized emissions.

B. Any criminal convictions of the state of Texas and the federal government.

Chronic excessive emissions events. C.

N/A

The approval dates of investigations. (CCEDS Inv. Track. No.) D.

1 05/21/2003

(296763)

2 06/11/2003 (35304)

3 06/20/2003 (296764)

4 07/18/2003 (296765)

5 08/15/2003 (296766)

.6 09/19/2003 (296767)

7 10/21/2003 (296768)

8 11/13/2003 (252664)

9 11/14/2003 (296769)

10 12/22/2003 (296770)

11 01/13/2004 (256356)

12 01/13/2004 (256357)

13 01/13/2004 (256358)

14 01/16/2004 (296771)

15 02/10/2004 (296758)

16 03/23/2004 (296760)

17 04/20/2004 (296761)

18 04/22/2004 (262190)

19 06/08/2004 (352749)

20 07/15/2004 (352750)

21 08/03/2004 (283981)

22 08/16/2004 (352751)

23 08/25/2004 (264050)

24 08/31/2004 (275950)

25 09/13/2004 (352752)

26 10/15/2004 (352753)

27 11/10/2004 (382127)

28 12/16/2004

(382128)29 01/21/2005

(382129)30 02/22/2005 (441102)

31 03/02/2005 (345738)

32 03/16/2005 (382126)

33 04/18/2005 (441103)34 05/20/2005 (441104)35 06/14/2005 (441105)

36 06/21/2005	(375835)
37 07/19/2005	(441106)
38 08/12/2005	(441107)
39 08/16/2005	(394905)
40 09/09/2005	(404884)
41 09/16/2005	(441108)
42 10/09/2005	(468886)
43 11/14/2005	(468887)
44 11/15/2005	(436085)
45 11/17/2005	(406277)
46 12/16/2005	(468888)
47 01/20/2006	(468889)
48 01/27/2006	(439364)
49 02/21/2006	(468884)
50 02/24/2006	(450862)
51 03/23/2006	(468885)
52 03/31/2006	(455423)
53 03/31/2006	(455364)
54 04/17/2006	(498498)
55 05/23/2006	(498499)
56 06/21/2006	(498500) (465277)
57 07/13/2006	
58 07/18/2006	(498501)
59 07/27/2006	(483370)
60 08/17/2006	(520499) (520500)
61 09/13/2006	•
62 09/21/2006	(512398) (520501)
63 10/17/2006	(520301)
64 11/17/2006	(5/3947)
65 11/27/2006 66 11/29/2006	(517967)
	(533632)
67 12/08/2006 68 12/19/2006	(575942)
69 01/16/2007	(575943)
70 02/01/2007	(538195)
71 02/01/2007	(531481)
72 02/14/2007	(535191)
73 02/16/2007	(575935)
74 02/22/2007	(484579)
75 03/15/2007	(575936)
76 03/15/2007	(541476)
77 03/16/2007	(537038)
78 03/19/2007	(542288)
79 04/11/2007	(575937)
80 05/04/2007	(542813)
81 05/09/2007	(557257)
82 05/14/2007	(560463)
83 05/17/2007	(575938)
84 05/23/2007	(555039)
85 06/18/2007	(575939)
86 06/20/2007	(557430)
87 07/18/2007	(575940)
88 07/19/2007	(560865)
89 08/16/2007	(607665)
90 09/01/2007	(571507)
91 09/17/2007	(607666)
92 10/15/2007	(574467)
93 10/16/2007	(607667) (594947)
94 10/24/2007	(594947) (593963)
95 11/06/2007 96 11/15/2007	(619744)
96 11/15/2007 97 11/27/2007	(596968)
98 12/13/2007	(619745)
99 12/28/2007	(613080)
33 12/20/2001	(5,555)

103 02/05/2008 (617286)104 02/20/2008 (614830)105 03/06/2008 (636941)106 04/10/2008 (638751)107 04/11/2008 (641731)

E. Written notices of violations (NOV). (CCEDS Inv. Track, No.)

Date:

06/11/2003

(35304)

Self Report?

30 TAC Chapter 101, SubChapter A 101.20(1) Citation:

30 TAC Chapter 115, SubChapter D 115.352(4) 30 TAC Chapter 116, SubChapter B 116.115(c)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)

Ramt Prov:

PA 3361A, SC 1E and 8

Description:

Failure to equip each open-ended valve or line with a cap, blind flange, plug, or second valve. During the monitoring, open-ended (OEL) lines were documented

next to valves numbered 1052 and 13282 and near relief valve 12886.

Self Report?

NO

Classification

Classification

Major

Moderate

Citation:

30 TAC Chapter 101, SubChapter A 101.20(1)

30 TAC Chapter 116, SubChapter B 116.115(c)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-2(a)(1)

Rgmt Prov:

PA 8639A, SC 6

Description:

Failure to conduct monthly monitoring on pumps in volatile organic compound (VOC)

service. During the review of the monitoring records from January 2002 through February 2003, three pumps were not monitored monthly.

Self Report?

NO

Classification

Moderate

Citation:

30 TAC Chapter 101, SubChapter A 101.20(1) 30 TAC Chapter 116, SubChapter B 116.115(c)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-7(c)(2)

Rqmt Prov:

PA 3361A, SC 8

PA 8639A, SC 6

Description:

Failure to conduct monthly monitoring on three valves for two successive leak free

months after a leak was detected and repaired.

Date:

07/13/2006

(465277)

Self Report? NO Classification

Moderate

Citation:

30 TAC Chapter 101, SubChapter A 101.20(1) 30 TAC Chapter 115, SubChapter D 115.352(4) 30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:

OP Operating Permit O-1620

PERMIT Permit 3361A

Description:

Failure to equip one open-ended line with a cap, blind flange, plug, or a second valve

at the Glycol I Unit.

Self Report?

NO

Classification

Moderate

Citation:

30 TAC Chapter 101, SubChapter A 101.20(1) 30 TAC Chapter 115, SubChapter D 115.352(4) 30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)

5C THC Chapter 382, SubChapter A 382.085(b)

Rgmt Prov:

OP OP O-2190

PERMIT Permit 8639A

Description:

Failure to equip eleven open-ended lines containing VOC with a cap, blind flange,

plug, or a second valve at the Glycol II Unit.

Self Report?

NO

Classification

Classification

Moderate

Minor

Citation:

30 TAC Chapter 122, SubChapter B 122.146(2)

5C THC Chapter 382, SubChapter A 382.085(b)

Description:

Failure to submit copies of the annual compliance certification for Permits O-1620 and

O-2190 to the EPA.

Date: 06/21/2007

(557430)

Self Report? Citation:

30 TAC Chapter 101, SubChapter A 101.20(1)

30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(2)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov:

PERMIT 3361A Special Condition 10 PERMIT 3361A Special Condition 1E PERMIT 8639A Special Condition 1E PERMIT 8639A Special Condition 6

OP FOP O-01620 General Terms and Conditions

OP FOP O-01620 Special Condition 7

OP FOP O-02190 General Terms and Conditions

OP FOP O-02190 Special Condition 9

Description:

Failure to seal open-ended lines. C10

Self Report?

NO

Classification M

Classification:

Moderate

Citation:

30 TAC Chapter 101, SubChapter A 101.20(1) 30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-2(a)(1)

5C THC Chapter 382, SubChapter D 382.085(b)

Ramt Prov:

PERMIT 3361A Special Condition 10

OP FOP O-02190 General Terms and Conditions

OP FOP O-02190 Special Condition 9

Description:

Failure to monitor two pumps in VOC service.

Self Report? NO

Moderate

Citation:

30 TAC Chapter 101, SubChapter A 101.20(1) 30 TAC Chapter 115, SubChapter D 115.354 30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-7(a) 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.486(e)(1)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov:

PERMIT 3361A Special Condition 10 PERMIT 3361A Special Condition 1F PERMIT 3361A Special Condition 2 PERMIT 8639A Special Condition 1F PERMIT 8639A Special Condition 6

OP FOP O-01620 General Terms and Conditions

OP FOP O-01620 Special Condition 7

OP FOP O-02190 General Terms and Conditions

OP FOP O-2190 Special Condition 9

Description:

Failure to identify and inspect fugitive VOC components.

Self Report?

NO

Classification: Moderate

Citation:

30 TAC Chapter 101, SubChapter A 101.20(1) 30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(2)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov:

PERMIT 3361A Special Condition 9 PERMIT 8639A Special Condition 4

OP FOP O-01620 General Terms and Conditions

OP FOP O-01620 Special Condition 7

Description:

Failure to maintain a pilot flame on a flare.

Date: (

06/30/2007

(575940)

Classification:

Moderate

Self Report? Citation: 9

30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)

Description:

Failure to meet the limit for one or more permit parameter

Date: 07/7
Self Report?

07/18/2007

(560865)

Classification: Minor

Citation:

30 TAC Chapter 335, SubChapter A 335.9(a)(1)

Description: Failure to provide documentation for waste determination and classification of waste

streams; process wastewater and wash-down wastewater.

Description:

Failure to include in the contingency plan, a list of all emergency equipment on site,

and the location and description of the equipment.

Self Report?

NO

Classification:

Moderate

Citation:

30 TAC Chapter 335, SubChapter C 335.69(a)

40 CFR Chapter 262, SubChapter I, PT 262, SubPT C 262.34(a)

Description:

Failure of the less than 90 days accumulation time limitation for storage of hazardous

waste, out-dated laboratory chemicals.

- F. Environmental audits.
- G. Type of environmental management systems (EMSs).

N/A

H. Voluntary on-site compliance assessment dates.

N/A

I. Participation in a voluntary pollution reduction program.

N/A

J. Early compliance.

N/A

Sites Outside of Texas

N/A

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY





IN THE MATTER OF AN ENFORCEMENT ACTION CONCERNING PD GLYCOL LP RN100825413

§ BEFORE THE
§ TEXAS COMMISSION ON
§

ENVIRONMENTAL QUALITY

AGREED ORDER DOCKET NO. 2008-0775-AIR-E

I. JURISDICTION AND STIPULATIONS

At its ______ agenda, the Texas Commission on Environmental Quality ("the Commission" or "TCEQ") considered this agreement of the parties, resolving an enforcement action regarding PD Glycol LP ("the Respondent") under the authority of TEX. HEALTH & SAFETY CODE ch. 382 and TEX. WATER CODE ch. 7. The Executive Director of the TCEQ, through the Enforcement Division, and the Respondent appear before the Commission and together stipulate that:

- 1. The Respondent owns and operates an industrial organic chemical manufacturing plant at 3510 Gulf States Road in Beaumont, Jefferson County, Texas (the "Plant").
- 2. The Plant consists of one or more sources as defined in Tex. Health & Safety Code § 382.003(12).
- 3. The Commission and the Respondent agree that the Commission has jurisdiction to enter this Agreed Order, and that the Respondent is subject to the Commission's jurisdiction.
- 4. The Respondent received notice of the violations alleged in Section II ("Allegations") on or about April 15, 2008.
- 5. The occurrence of any violation is in dispute and the entry of this Agreed Order shall not constitute an admission by the Respondent of any violation alleged in Section II ("Allegations"), nor of any statute or rule.
- 6. An administrative penalty in the amount of Five Thousand Five Hundred Dollars (\$5,500) is assessed by the Commission in settlement of the violations alleged in Section II ("Allegations"). The Respondent has paid Two Thousand Two Hundred Dollars (\$2,200) of the administrative penalty and One Thousand One Hundred Dollars (\$1,100) is deferred contingent upon the

Respondent's timely and satisfactory compliance with all the terms of this Agreed Order. The deferred amount will be waived upon full compliance with the terms of this Agreed Order. If the Respondent fails to timely and satisfactorily comply with all requirements of this Agreed Order, the Executive Director may require the Respondent to pay all or part of the deferred penalty. Two Thousand Two Hundred Dollars (\$2,200) shall be conditionally offset by the Respondent's completion of a Supplemental Environmental Project.

- 7. Any notice and procedures, which might otherwise be authorized or required in this action, are waived in the interest of a more timely resolution of the matter.
- 8. The Executive Director of the TCEQ and the Respondent have agreed on a settlement of the matters alleged in this enforcement action, subject to the approval of the Commission.
- 9. The Executive Director recognizes that the Respondent has implemented the following corrective measures at the Plant prior to May 9, 2008:
 - a. The Glycol 1 purge scrubber level control valve was repaired and returned to service prior to the restart of the process unit; and
 - b. A review of policies and procedures for the Glycol 1 process was conducted with operations personnel.
- 10. The Executive Director may, without further notice or hearing, refer this matter to the Office of the Attorney General of the State of Texas ("OAG") for further enforcement proceedings if the Executive Director determines that the Respondent has not complied with one or more of the terms or conditions in this Agreed Order.
- 11. This Agreed Order shall terminate five years from its effective date or upon compliance with all the terms and conditions set forth in this Agreed Order, whichever is later.
- 12. The provisions of this Agreed Order are deemed severable and, if a court of competent jurisdiction or other appropriate authority deems any provision of this Agreed Order unenforceable, the remaining provisions shall be valid and enforceable.

II. ALLEGATIONS

As owner and operator of the Plant, the Respondent is alleged to have failed to maintain an emissions rate below the allowable emissions limits, in violation of 30 Tex. Admin. Code §§ 116.115(c) and 122.143(4), New Source Review Permit 3361A Special Condition 3, General Operating Permit No. O-01620 Special Condition 7A, and Tex. Health & Safety Code § 382.085(b), as documented during an investigation conducted on February 29, 2008. Specifically, equipment malfunction resulted in the release of 281.00 pounds ("lbs") of ethylene, 2.70 lbs of cyclopropane, and 0.05 lbs of ethylene oxide from the Glycol 1 Emergency Vent over a 26-minute period on December 21, 2007. Since the emissions event was avoidable, the demonstrations for an affirmative defense in 30 Tex. Admin. Code § 101.222 were not met.

III. DENIALS

The Respondent generally denies each allegation in Section II ("Allegations").

IV. ORDERING PROVISIONS

1. It is, therefore, ordered by the TCEQ that the Respondent pay an administrative penalty as set forth in Section I, Paragraph 6 above. The payment of this administrative penalty and the Respondent's compliance with all the terms and conditions set forth in this Agreed Order resolve only the allegations in Section II. The Commission shall not be constrained in any manner from requiring corrective action or penalties for violations which are not raised here. Administrative penalty payments shall be made payable to "TCEQ" and shall be sent with the notation "Re: PD Glycol LP, Docket No. 2008-0775-AIR-E" to:

Financial Administration Division, Revenues Section Attention: Cashier's Office, MC 214 Texas Commission on Environmental Quality P.O. Box 13088 Austin, Texas 78711-3088

- 2. The Respondent shall implement and complete a Supplemental Environmental Project ("SEP") in accordance with Tex. Water Code § 7.067. As set forth in Section I, Paragraph 6 above, Two Thousand Two Hundred Dollars (\$2,200) of the assessed administrative penalty shall be offset with the condition that the Respondent implement the SEP defined in Attachment A, incorporated herein by reference. The Respondent's obligation to pay the conditionally offset portion of the administrative penalty assessed shall be discharged upon final completion of all provisions of the SEP agreement.
- 3. The provisions of this Agreed Order shall apply to and be binding upon the Respondent. The Respondent is ordered to give notice of the Agreed Order to personnel who maintain day-to-day control over the Plant operations referenced in this Agreed Order.
- 4. If the Respondent fails to comply with any of the Ordering Provisions in this Agreed Order within the prescribed schedules, and that failure is caused solely by an act of God, war, strike, riot, or other catastrophe, the Respondent's failure to comply is not a violation of this Agreed Order. The Respondent shall have the burden of establishing to the Executive Director's satisfaction that such an event has occurred. The Respondent shall notify the Executive Director within seven days after the Respondent becomes aware of a delaying event and shall take all reasonable measures to mitigate and minimize any delay.
- 5. The Executive Director may grant an extension of any deadline in this Agreed Order or in any plan, report, or other document submitted pursuant to this Agreed Order, upon a written and substantiated showing of good cause. All requests for extensions by the Respondent shall be made in writing to the Executive Director. Extensions are not effective until the Respondent receives written approval from the Executive Director. The determination of what constitutes good cause rests solely with the Executive Director.

- 6. This Agreed Order, issued by the Commission, shall not be admissible against the Respondent in a civil proceeding, unless the proceeding is brought by the OAG to: (1) enforce the terms of this Agreed Order; or (2) pursue violations of a statute within the Commission's jurisdiction, or of a rule adopted or an order or permit issued by the Commission under such a statute.
- 7. This agreement may be executed in multiple counterparts, which together shall constitute a single original instrument. Any executed signature page to this Agreement may be transmitted by facsimile transmission to the other parties, which shall constitute an original signature for all purposes.
- 8. Under 30 TEX. ADMIN. CODE § 70.10(b), the effective date is the date of hand-delivery of the Order to the Respondent, or three days after the date on which the Commission mails notice of the Order to the Respondent, whichever is earlier. The Chief Clerk shall provide a copy of this Agreed Order to each of the parties.

SIGNATURE PAGE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

For the Commission	
200, 400	9/10/000
For the Executive Director	7/12/2008 Date
attached Agreed Order on behalf of the entity ind	attached Agreed Order. I am authorized to agree to the icated below my signature, and I do agree to the terms owledge that the TCEQ, in accepting payment for the
penalty amount, is materially relying on such repre	esentation.
I also understand that failure to comply with the Ortimely pay the penalty amount, may result in: • A negative impact on compliance history;	rdering Provisions, if any, in this order and/or failure to
• Greater scrutiny of any permit applications	eral's Office for contempt, injunctive relief, additional
 Increased penalties in any future enforcement Automatic referral to the Attorney General TCEQ seeking other relief as authorized by 	's Office of any future enforcement actions; and
In addition, any falsification of any compliance doc	
Ped At	7-23-2008
Signature	Date
RANDAL TATUM	PLANT MAHAGER
Name (Printed or typed)	Title
Authorized Representative of PD Glycol LP	

Instructions: Send the original, signed Agreed Order with penalty payment to the Financial Administration Division, Revenues Section at the address in Section IV, Paragraph 1 of this Agreed Order.

Attachment A Docket Number: 2008-0775-AIR-E

SUPPLEMENTAL ENVIRONMENTAL PROJECT

Respondent:

PD Glycol LP

Payable Penalty Amount:

Four Thousand Four Hundred Dollars (\$4,400)

SEP Amount:

Two Thousand Two Hundred Dollars (\$2,200)

Type of SEP:

Pre-approved

Third-Party Recipient:

Jefferson County-Southeast Texas Regional Air Monitoring

Network

Location of SEP:

Jefferson County

The Texas Commission on Environmental Quality ("TCEQ") agrees to offset a portion of the administrative Penalty Amount assessed in this Agreed Order for the Respondent to contribute to a Supplemental Environmental Project ("SEP"). The offset is equal to the SEP Amount set forth above and is conditioned upon completion of the project in accordance with the terms of this Attachment A.

1. Project Description

A. Project

The Respondent shall contribute the SEP Amount to the Third-Party Recipient pursuant to the agreement between the Third-Party Recipient and the TCEQ. Specifically, the contribution will be used to install, operate, and maintain a stationary ambient air monitoring station in the vicinity of Memorial High School Ninth Grade Campus. The station will employ canister sampling, a hydrocarbon analyzer, and/or a chromatograph. Ancillary equipment will include a sample conditioning system, a ten meter meteorological tower, a climate controlled equipment shelter, a remote communications system, and have electronic data logging capabilities. The station will continuously sample and analyze the ambient air for a wide range of hydrocarbon species in accordance with Environmental Protection Agency's recommended "TO-14" list. SEP monies will be used for the cost of purchasing, installing, operating, and maintaining the air monitoring station along with its ancillary equipment.

The Respondent certifies that there is no prior commitment to do this project and that it is being performed solely in an effort to settle this enforcement action.

B. Environmental Benefit

This SEP will provide a discernible environmental benefit by offering continuous assessment of ambient air quality in a sensitive area of Port Arthur that is not currently covered by existing ambient air monitoring stations. Monitoring this area of the community will help the TCEQ and local government better respond to

PD Glycol LP Agreed Order – Attachment A

citizen's questions about public health as it related to air quality and will enable TCEQ to identify emission sources.

C. Minimum Expenditure

The Respondent shall contribute at least the SEP Amount to the Third-Party Recipient and comply with all other provisions of this SEP.

2. Performance Schedule

Within 30 days after the effective date of this Agreed Order, the Respondent must contribute the SEP Amount to the Third-Party Recipient. The Respondent shall mail the contribution, with a copy of the Agreed Order, to:

The Honorable Ron Walker Jefferson County Judge 1149 Pearl Street, 4th Floor Beaumont, Texas 77701

3. Records and Reporting

Concurrent with the payment of the SEP Amount, the Respondent shall provide the TCEQ SEP Coordinator with a copy of the check and transmittal letter indicating full payment of the SEP Amount to the Third-Party Recipient. The Respondent shall mail a copy of the check and transmittal letter to:

Enforcement Division Attention: SEP Coordinator, MC 219 Texas Commission on Environmental Quality P.O. Box 13087 Austin, Texas 78711-3087

4. Failure to Fully Perform

If the Respondent does not perform its obligations under this SEP in any way, including full payment of the SEP Amount and submittal of the required reporting described in Section 3 above, the Executive Director may require immediate payment of all or part of the SEP Amount.

The check for any amount due shall be made out to "Texas Commission on Environmental Quality" and mailed to:

Texas Commission on Environmental Quality Financial Administration Division, Revenues Attention: Cashier, MC 214 P.O. Box 13088 Austin, Texas 78711-3088

PD Glycol LP Agreed Order – Attachment A

The Respondent shall also mail a copy of the check to the TCEQ SEP Coordinator at the address in Section 3 above.

5. Publicity

Any public statements concerning this SEP made by or on behalf of the Respondent must include a clear statement that the project was performed as part of the settlement of an enforcement action brought by the TCEQ. Such statements include advertising, public relations, and press releases.

6. Clean Texas Program

The Respondent shall not include this SEP in any application made to TCEQ under the "Clean Texas" (or any successor) program(s). Similarly, the Respondent may not seek recognition for this contribution in any other state or federal regulatory program.

7. Other SEPs by TCEQ or Other Agencies

The SEP identified in this Agreed Order has not been, and shall not be, included as an SEP for the Respondent under any other Agreed Order negotiated with the TCEQ or any other agency of the state or federal government.